

FIG. 1

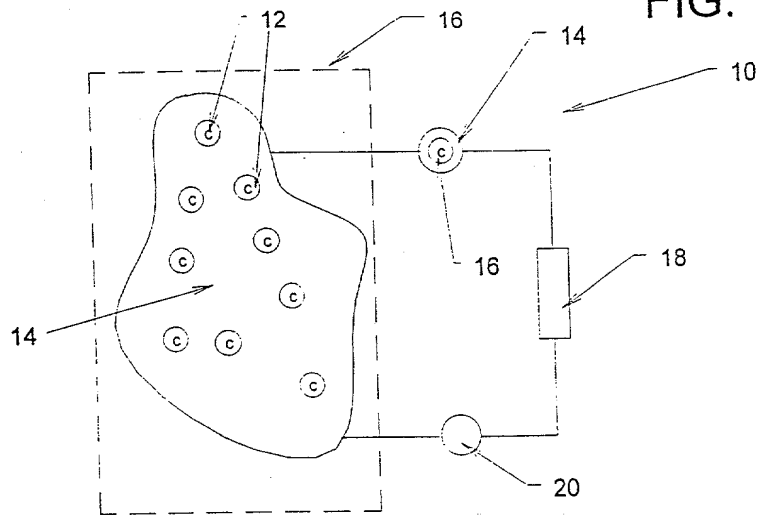


FIG. 2

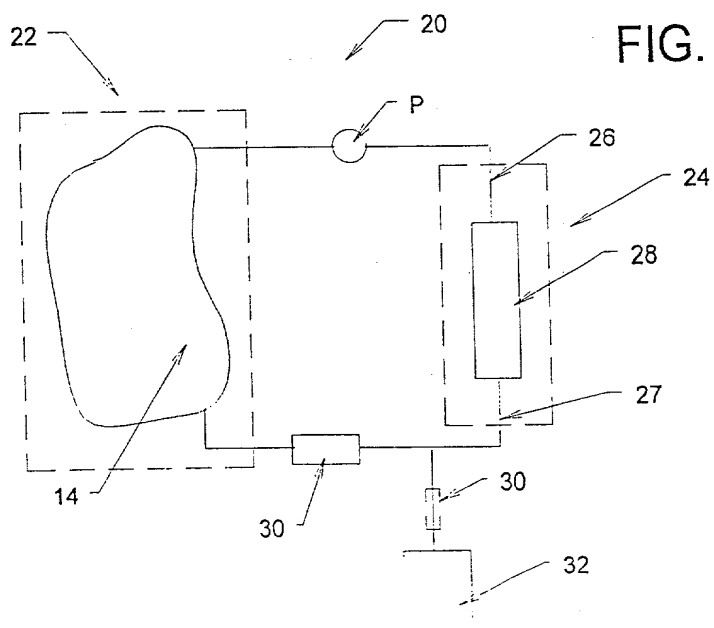


FIG. 3

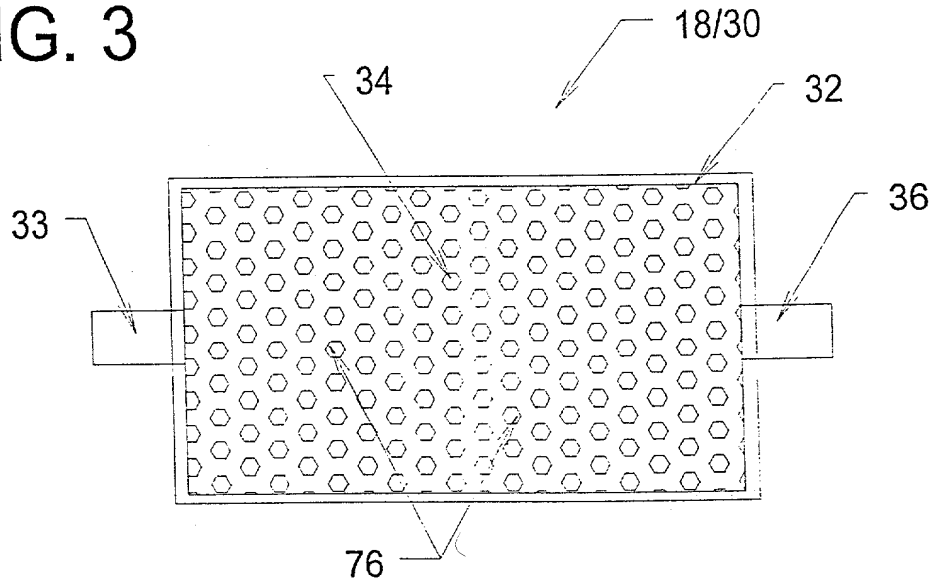


FIG. 4A

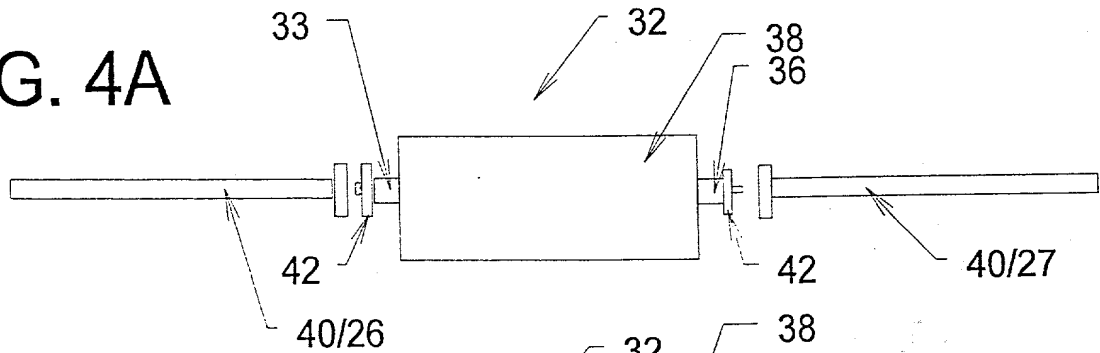


FIG. 4B

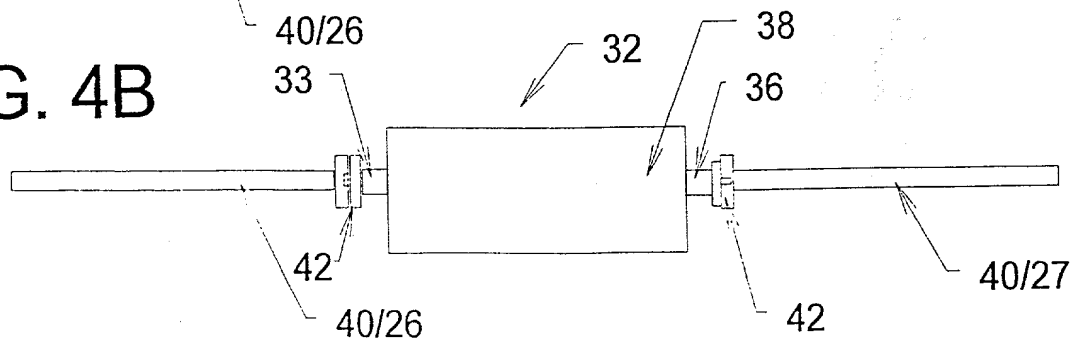


FIG. 5

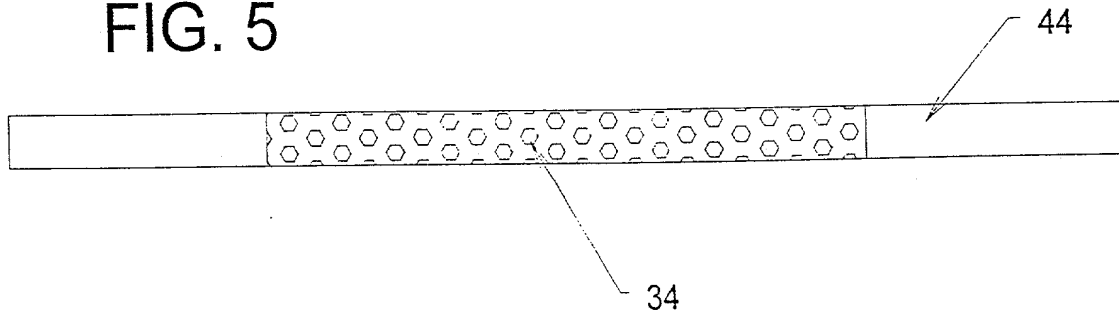


FIG. 6

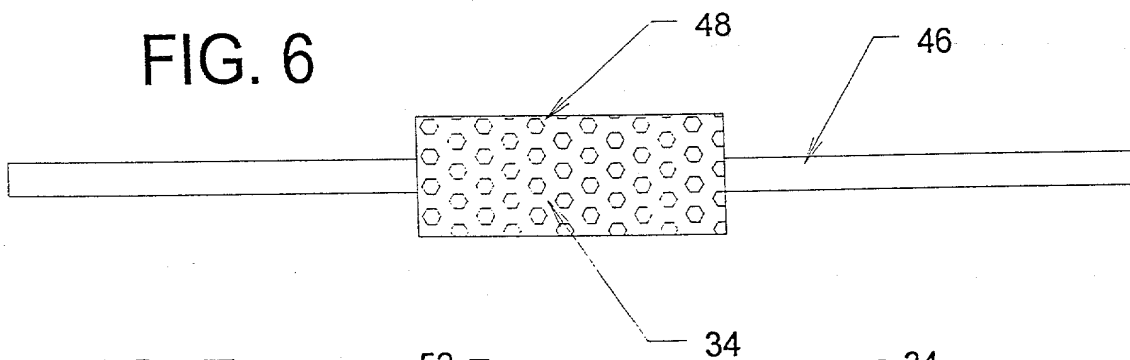


FIG. 7

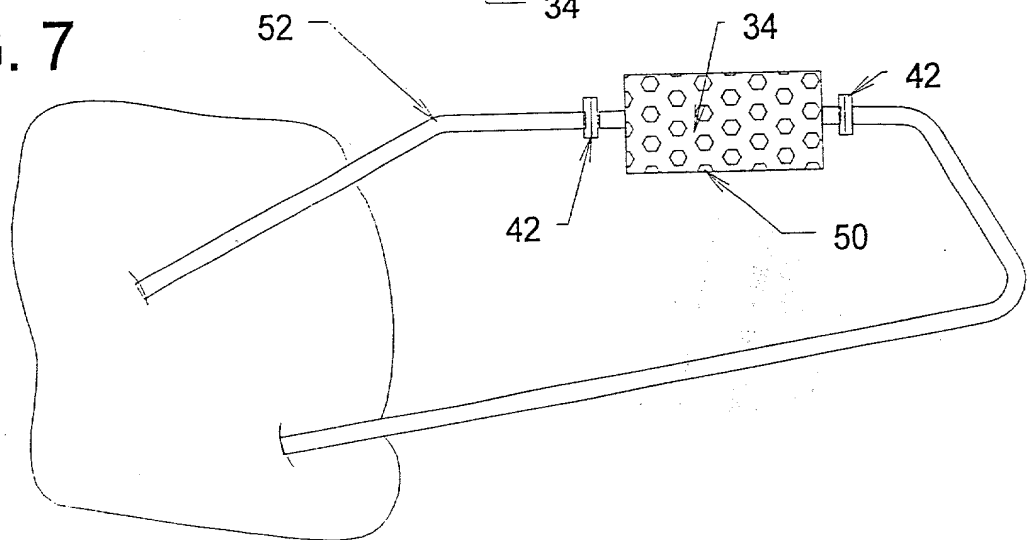


FIG. 8

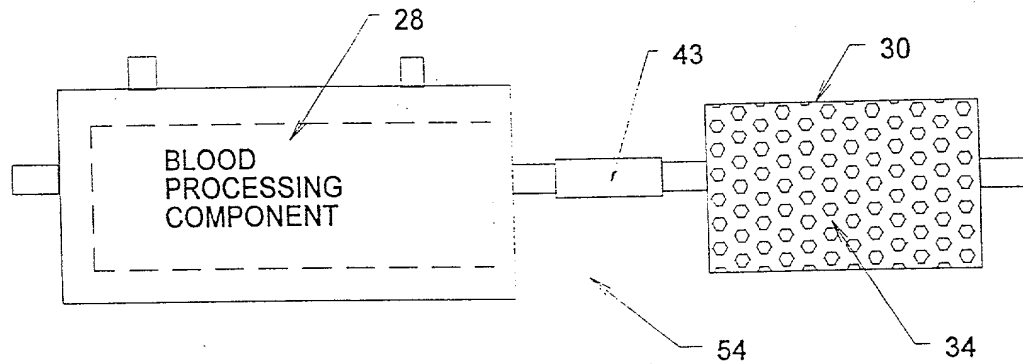


FIG. 9

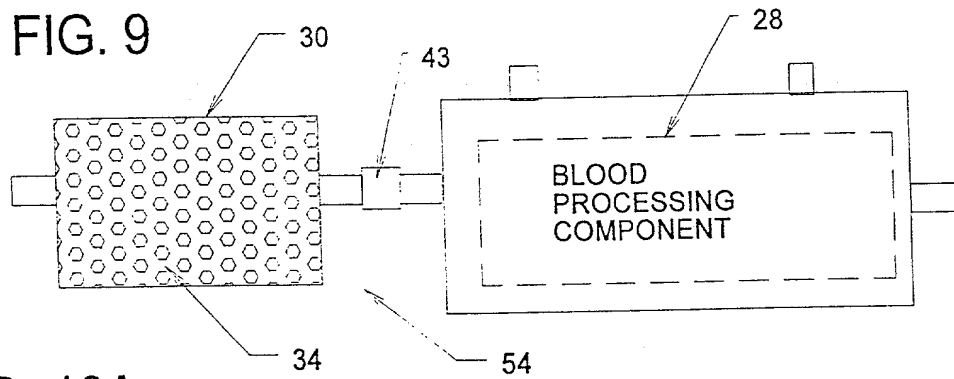


FIG. 10A

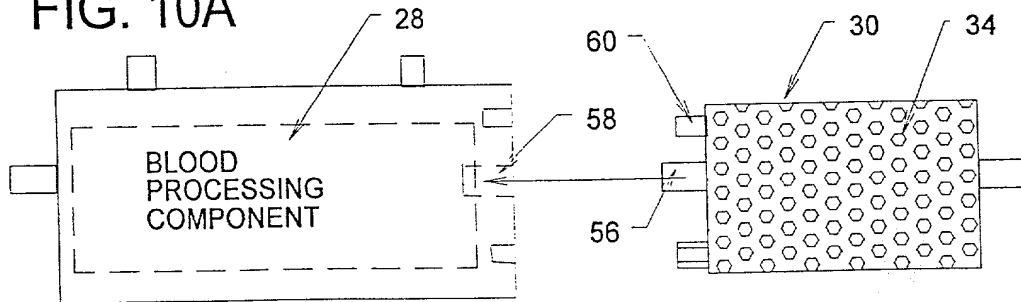


FIG. 10B

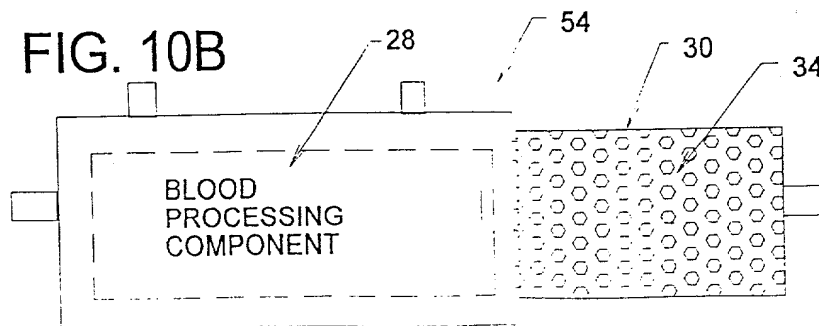


FIG. 11

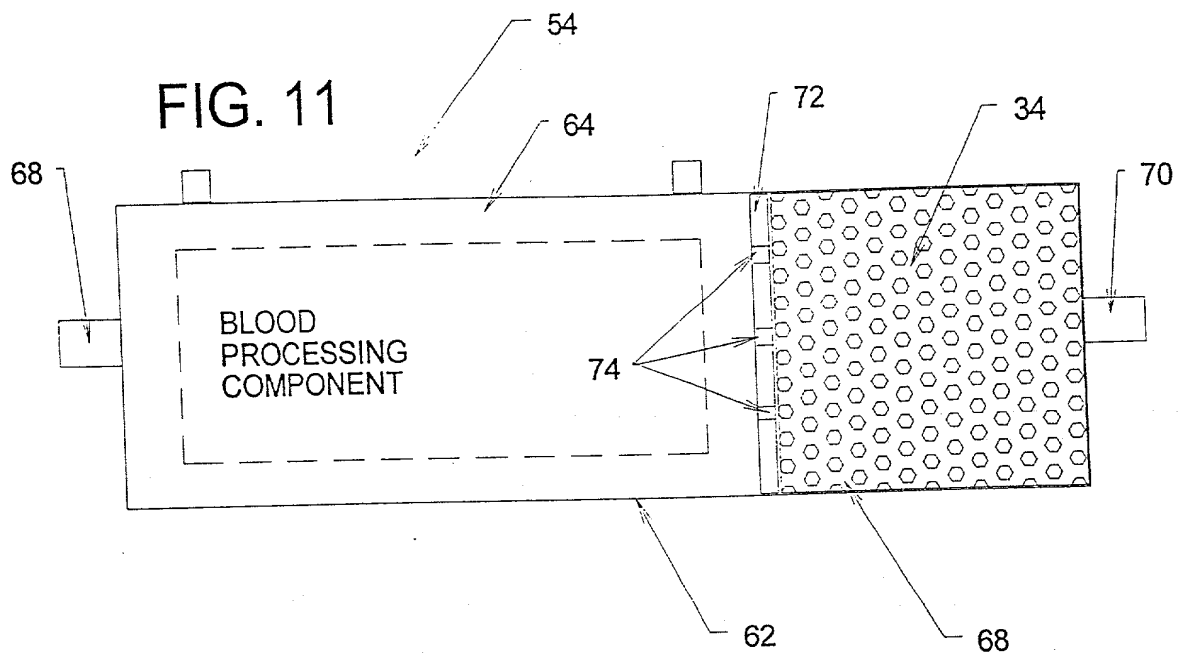


FIG. 12

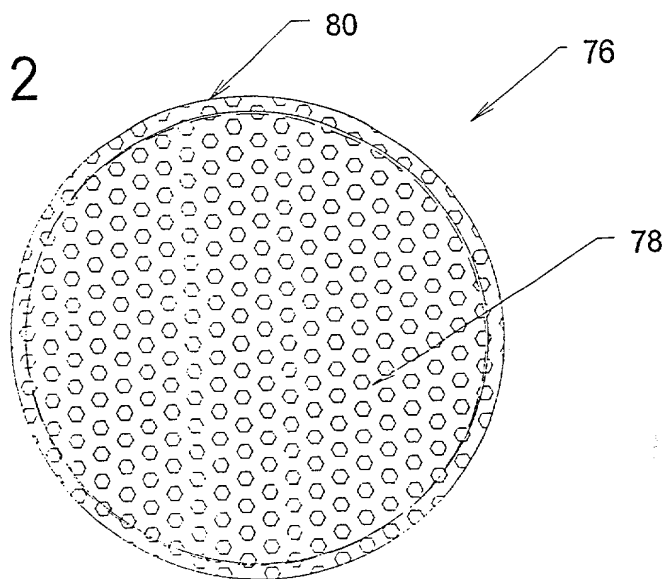


FIG. 13

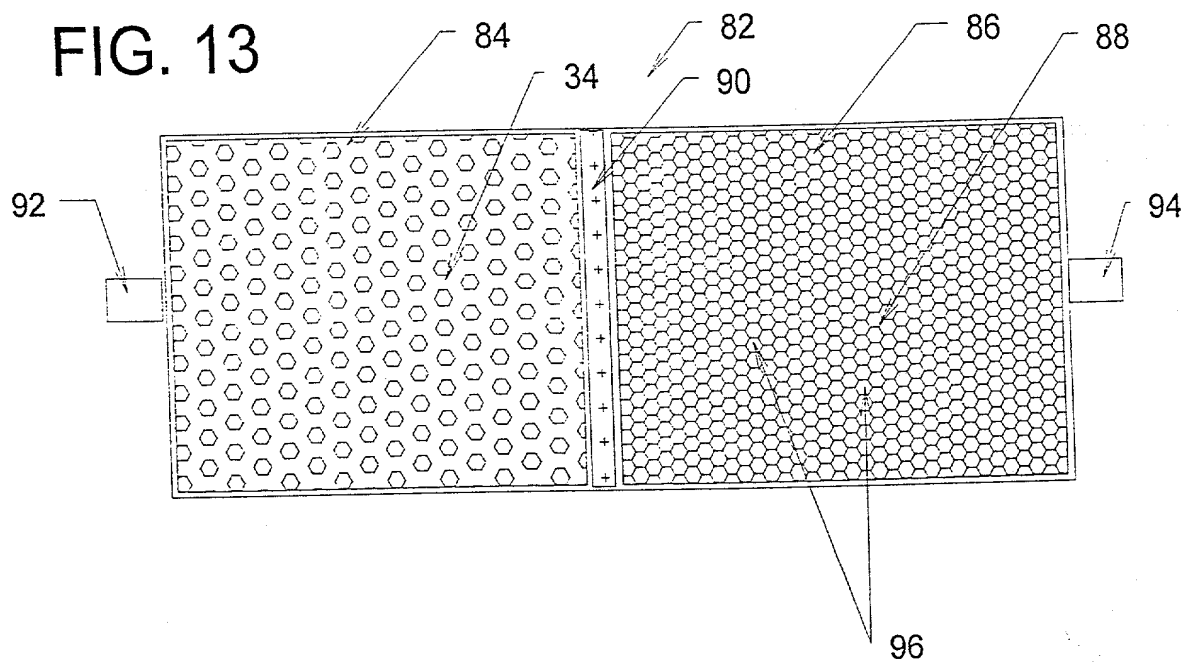
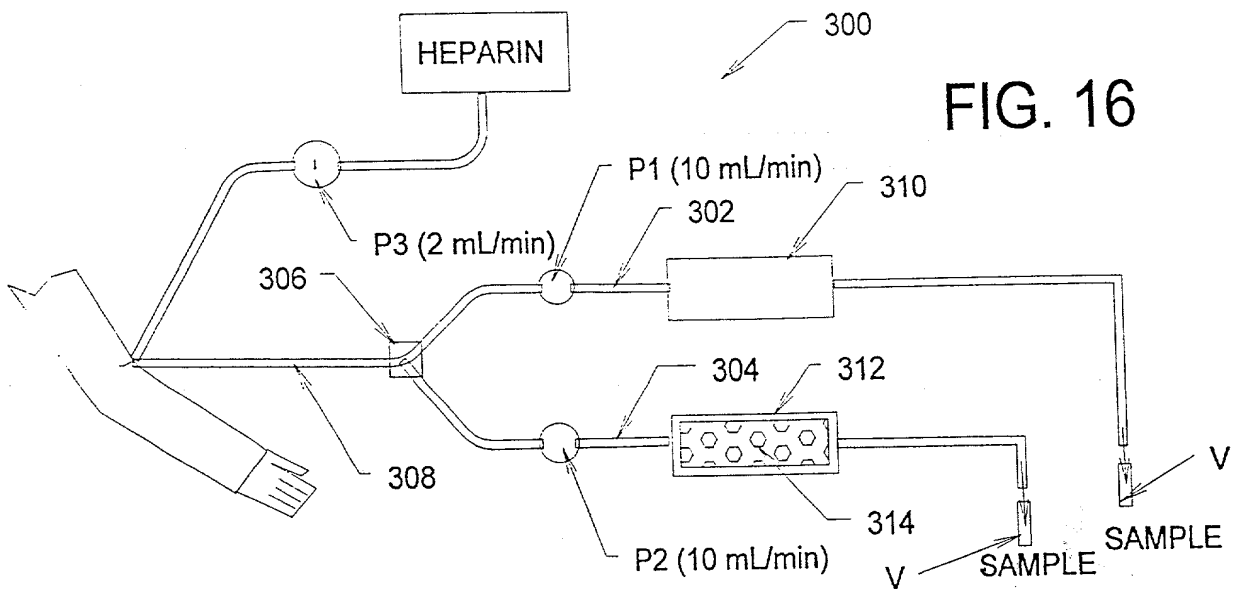




FIG. 16 is a schematic diagram of a fluid delivery system 300. The system includes a HEPARIN reservoir connected to a pump P3 (2 mL/min) via a line 306. Pump P3 is connected to a junction 308. From junction 308, one line leads to a pump P1 (10 mL/min) via a line 302, and another line leads to a pump P2 (10 mL/min) via a line 304. Pump P1 is connected to a chamber 310. Pump P2 is connected to a chamber 312, which contains a porous medium. Both chambers 310 and 312 have outlets leading to a common line that terminates in a valve V and a SAMPLE collection point. The entire system is labeled 300.





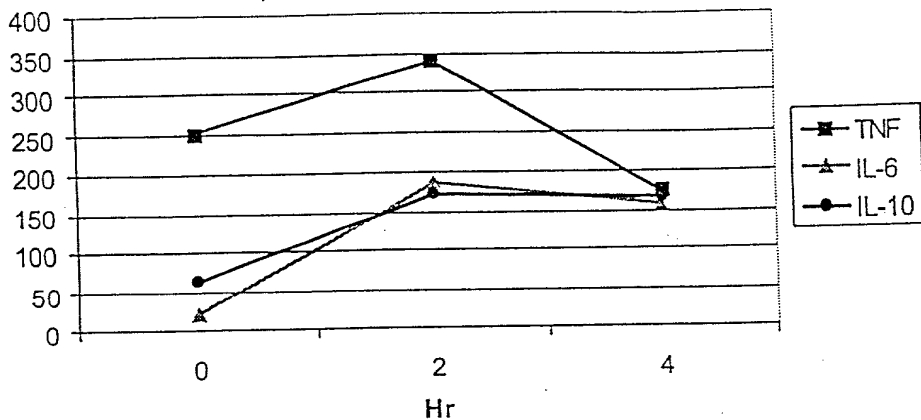


FIG. 17

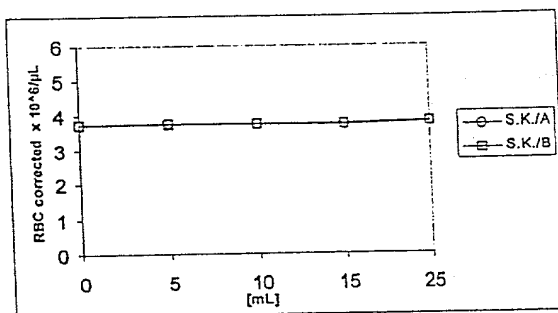


FIG. 18A

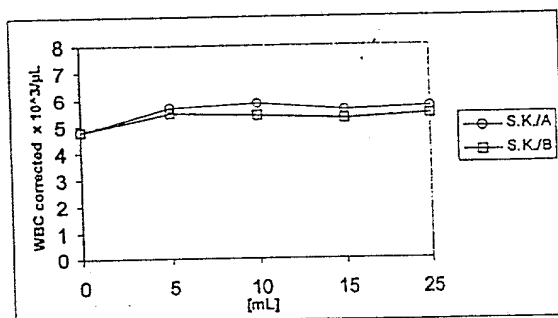


FIG. 18B

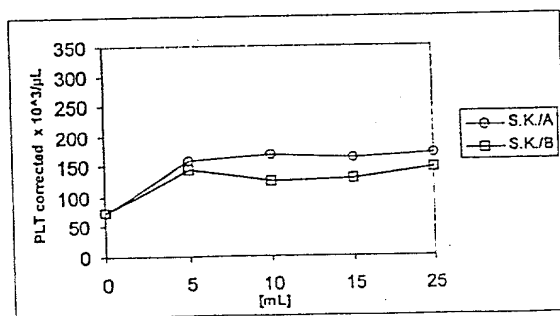


FIG. 18C

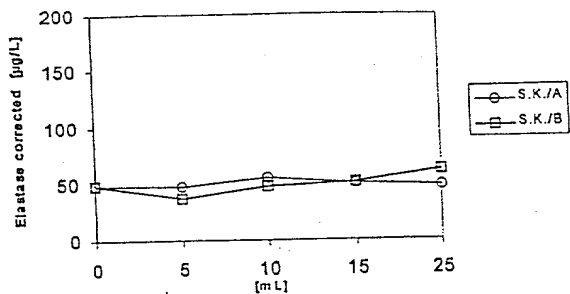


FIG. 19

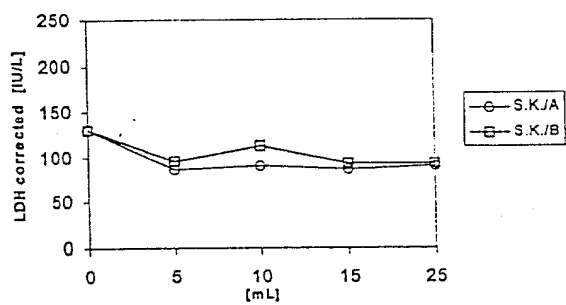


FIG. 20

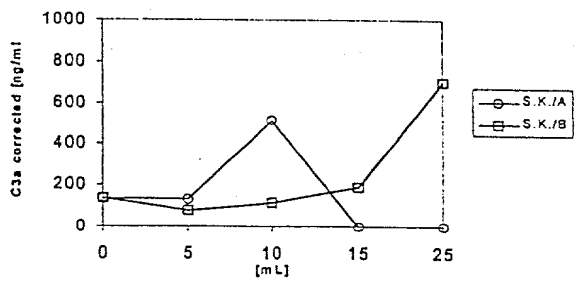


FIG. 21

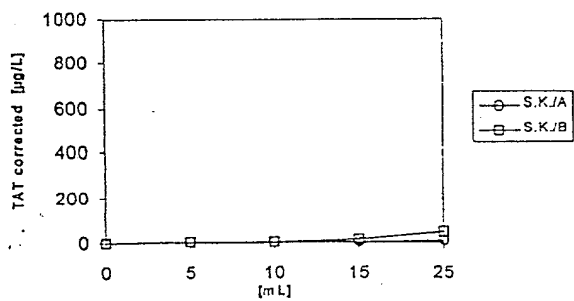


FIG. 22

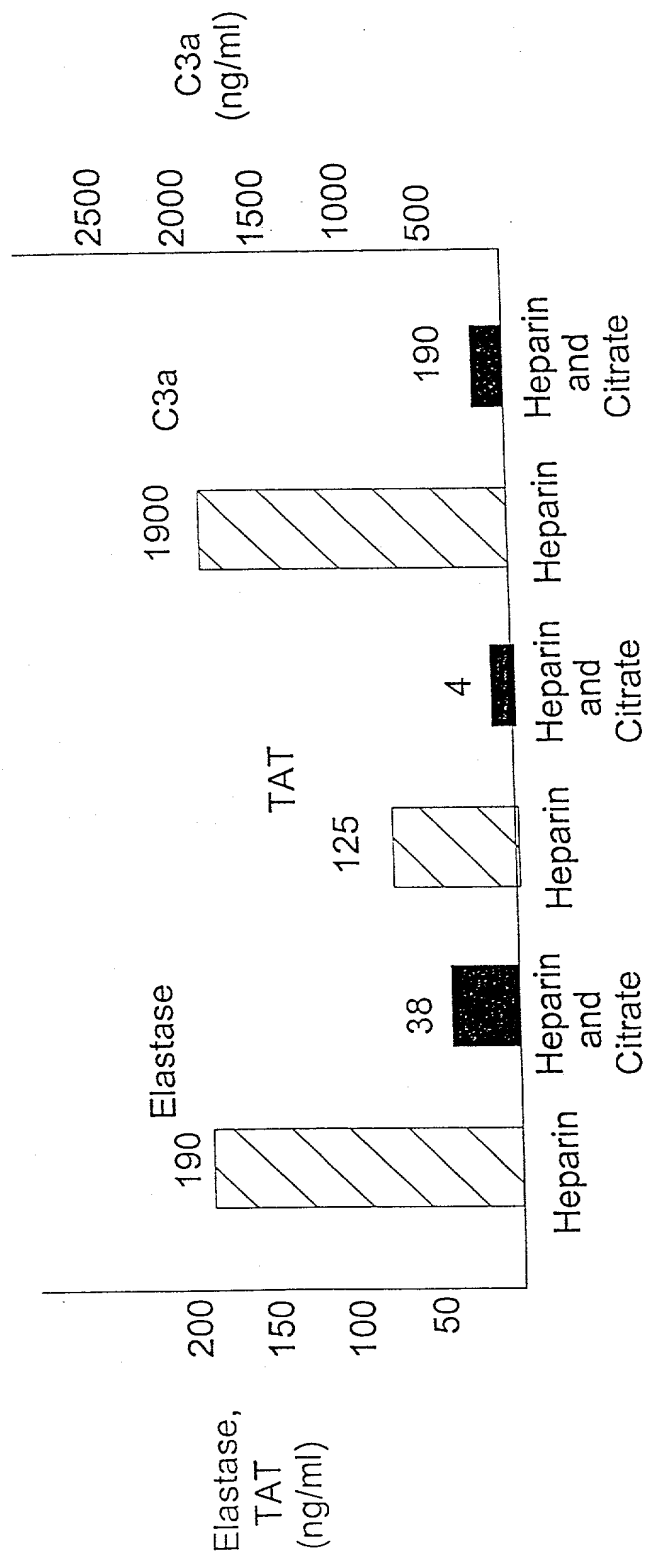


FIG. 23